Did I convince you?

- Yes
- No

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The SCIENCE! of Icewings

jadedragon8975

My theory is the moons are made of an unknown element that when light is shone on the NightWings their brain cells respond in a strange ways.

Terminus
(Formerly Nephrite)

"Don't cry because it's over. Smile because it happened." -Dr. Seuss

The SCIENCE! of Icewings

dragondrawing333

That's intresting, but if you can identify the exact material that gives mind reading powers, then make sure to invite me to your New York highrise.

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

vanilladragon282

I, frankly, think the 'chemical reaction under Peril's scales' theory is the most plausible. The 'flammable-film-thing' idea reminds me a lot of Monstrous Nightmares from HTTYD. And, side note, @Science, could you possibly do the SCIENCE!!! of a Leafwing's plant manipulation?

2

~+Rexy+~

Queen of all things Jurassic Park and anime related
Status: Semi-Active

#RememberHurricane
#LGBTQ+
LunaStar, *Gulfstream*, *Violet* ***~Forum Sis***

OC's:

Aquila/Zeus
Crocodile
Python
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Borealis
Prismatic
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Myscelia Ethusa
Mendica
Hornet

The SCIENCE! of Icewings

dragondrawing333

Plant minipulation? On what page do they do that?

0

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The SCIENCE! of Icewings

jadedragon8975

As for the elements probably a few parts Magnesium, some Graphite, and small amount of a nuclear element possibly Plutonium or Cesium.

0

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(Formerly Nephrite)

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jadedragon8975

It's also plausible it's a non existent element like skyfire that only exist in WoF universe.

0

Terminus
(Formerly Nephrite)

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The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of Icewing Blood

Am I the only one who didn't immediately realize how adult Wings of Fire is? Like I was rereading The Hidden Kingdom and Glory asks Jambu if their tribe marries siblings! I read this book when I was 9!

Moving on with the theme of adult, we're going to talk about blood. Not gory! I swear! I've been asked to explain why Icewing blood is blue. First off, we need to figure out why our blood is red, to explain why their blood is blue.

We need to cover something, Human blood *isn't* blue, its red, all the time. This myth stems from the fact that your and appear blue through your flesh, this is actually just an optical illusion cause by the skin absorbing differing levels of red and blue light. Our red blood is caused by *Hemoglobin* in our red blood cells, hemoglobin is a protein that carries Oxygen from the lungs to the tissues, and returns Carbon Dioxide from the tissues to the lungs, these red blood cells are red because of the bonds created between Iron and Oxygen reflects red light.

So if the Icewings really had blue blood, then Darkstalker wouldn't even need that Icewing plague, they would be long since dead their blood wouldn't be able to transport oxygen, meaning they'd suffocate.

Or, that's what I thought, upon doing some research it turns out the Icewing blood, makes so much sense, I'm actually starting to wonder if Tui T. Sutherland has a degree in biology, or just knows how to use key search words.

Blue blooded creatures, in our real world, are called *Teuthidas*, instead of iron, they have copper in their hemoglobin, their blood contains a copper rich protein known as *Hemocyanin* which is dissolved in the plasma, instead of being carried by a red blood cells, and it gives the blood a blue color. Antarctic octopi (This is the plural form of octopus) are Teuthidas, the copper in their blue blood allows for more efficient oxygen transfer in more extreme temperatures. So it makes perfect sense for the Icewings to have blue blood, it means that they can withstand colder temperatures than any of the other dragon species, though this would mean that Icewings must have different biologics compared to the other tribes of dragons.

-Special thanks to Nephrite for suggesting this topic-

Note- Starting right out the gate, we see Burn drop an dragon egg off a cliff, followed swiftly by Hvitur after torturing him with burning chains and shredding his wings, *and* stabbing her tail through his head (Little over*kill* there Burn), then Queen Scarlet bites the head off a human, then we get to see her snap the neck of the sandwing Dune, then Peril burns another Sandwing named Horizon, alive, I could go on and on, this series is **Dark**.

2

SCIENTIST!!! **(nickname)**

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The SCIENCE! of Icewings

jadedragon8975

Well, Tui is a two time winner on Jeopardy I mean that might not have to to do with anything other than it indicating that she's intelligent.

0

Terminus
(Formerly Nephrite)

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The SCIENCE! of Icewings

dragondrawing333

wait, WHAT!? Seriously?

1

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

jadedragon8975

Yeah, if you click author it says so. I wish I saw that episode then again I might have not been born you know since Jeopardy 1964.

0

Terminus
(Formerly Nephrite)

"Don't cry because it's over. Smile because it happened." -Dr. Seuss

The SCIENCE! of Icewings

vanilladragon282

@Science Some Leafwings are born with plant manipulation abilities, although we haven't actually seen it in the books yet. Side note, am I the only one wondering what that paralyzing poison is from Misbehavior's Way, and what Cricket used to neutralize it? And as for Queen Wasp's mind control, I think it involves some form of dormant neurotoxin, only activated when certain neurons (The ones that are Queen Wasp thinking 'MIND CONTROL EVERYONE!') fire.

0

~+Rexy+~

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The SCIENCE! of Icewings

dragondrawing333

Thanks Rexy, I reread *The Lost Continent* TWICE! to try and find the plant minipulation. SLAP! You can't see it, but i just facepalmed. Your not the only one wondering about the poison. And finally, I'm trying to write a post on the mind control, but i just don't have enough evidence yet, so i'm gonna wait until i read *The Hive Queen* so that i can try and give a more convincing argument.

0

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The SCIENCE! of Icewings

stormfur101

Hey Nephrite it is Jay how are you doing tonight just asking brother.

1

The Great Storm fur

gender:Male .

call me : Jay.

Age:18.

favorite character in Naruto: Orochimaru.

eye color: dark green.

I am the: Navy ninja.

Best friend: Nephrite.
other best friend: Scorch.

The SCIENCE! of Icewings

jadedragon8975

I'm doing pretty good, how are you?

0

Terminus
(Formerly Nephrite)

"Don't cry because it's over. Smile because it happened." -Dr. Seuss

The SCIENCE! of Icewings

stormfur101

Good on that means I am actually doing good by the way how old are you just asking

0

The Great Storm fur

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call me : Jay.

Age:18.

favorite character in Naruto: Orochimaru.

eye color: dark green.

I am the: Navy ninja.

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The SCIENCE! of Icewings

stormfur101

I might have an idea about sand wings, I think that sand dragons bury them selves in sand like a mole and when the time is right they strike their prey .
Or they fold their wings and tail around themselves to create a sand dune in the desert heat.

That is what I think they've been doing for ages but hey Nephrite what would you suggest?..

0

The Great Storm fur

gender:Male .

call me : Jay.

Age:18.

favorite character in Naruto: Orochimaru.

eye color: dark green.

I am the: Navy ninja.

Best friend: Nephrite.
other best friend: Scorch.

The SCIENCE! of Icewings

jadedragon8975

I'm 13.

0

Terminus
(Formerly Nephrite)

"Don't cry because it's over. Smile because it happened." -Dr. Seuss

The SCIENCE! of Icewings

stormfur101

I made first place on the leader boards and you are way at the bottom on tenth place. On wings of fire

0

The Great Storm fur

gender:Male .

call me : Jay.

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favorite character in Naruto: Orochimaru.

eye color: dark green.

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Best friend: Nephrite.
other best friend: Scorch.

The SCIENCE! of Icewings

dragonlynx3311

New mud-wing heat resistance theory:

Maybe there's something (like a bacterial thing) in mud that forms a film over a mudwings scales. In blood egg hatched ones, there could be something that strengthens the film, thus rendering the mudwing heat resistant. If a burn happens somewhere, the film rushes up and heals it. Like some kind of natural medicine.

0

#TheForumsNeedMoreMoonbli

#Qinterwatcher
#Clearmoonstalker
#Sunflightspeaker
Yeah, it's totally me... OR IS IT
<)Wilderness(>

ME CALM DOWN?! YOU NEED TO UN-CALM DOWN! YOU NEED TO RAMP ALL THE WAY UP TO FREAKING OUT RIGHT NOW!-kinkajou

The SCIENCE! of Icewings

dragondrawing333

That is possible, but where is all this extra material coming from? Due to the law of conservation of mass, mass cannot be created or destroyed, just changed into other forms. All the extra material for the flesh has to come from somewhere. Also, while their are bacteria that can survive extreme temperatures, most can't, and there is NO WAY these bacteria are surviving LAVA.
But your on the right track.

0

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of Millard Nullings

Millard Nullings, from the book series “Miss Peregrines home for peculiar children”, is a Syndrighast with complete invisibility. He’s completely invisible, all the time.

So to start with, we’ll have to figure out how we see. The way you see things is actually very complicated, and,I’m going to do my best to not make this as confusing as Quantum entanglement. So we start our journey at the Sun, 92,955,828 miles away, actually, inside the Sun. The Sun emits light due to the fusion reactions occurring within it, Fusion reactions are the fusing of atoms, the inside of the Sun is so dense that atoms are being fused constantly, releasing an incredible amount of energy, in fact, fusion reactions are what powered the atomic bombs at Hiroshima and Nagasaki. These reactions release energy in the forms of Heat, sound, and light. Eight minutes and twenty seconds later the photons (light particles), reach Earth and bounce off objects, changing depending on the different properties of said object, and into your eyes.

Let’s assume Millard’s peculiarity is to redirect photons around him, keeping any from hitting him and bouncing into others eyes. There’s a problem with this though, if no photons are reaching him, then there would be no photons to enter his eyes, he would be blind. And remember Millard can’t turn his peculiarity off, he would be blind all the time.

To make this next point, I’ll need you to run some experiments with me, don’t worry, I’m doing all the work. Close your eyes, now wiggle the fingers on your right hand, now drum your left fingers on your leg, now raise your arms and move them around. You can open your eyes now. Now tell me, how did you know where your arms or fingers were in the space around you? This is called *proprioception*, it’s probably one of your most important senses, yes, you have more than five senses. Now I want you to place a small object in front of you, close your eyes, and try to grab it, now do the same with your eyes open. You should have had a harder job grabbing the object with your eyes closed. This is because your sense of proprioception and sight work together to give you an idea of where you are in any given space, now imagine living your entire life, unable to see where your limbs are. People do have to do it all the time, but they have things to help them find their way around, dogs, probing sticks, and others. But Millard, if he wants to *use* his peculiarity, can’t have any help, because it would alert everyone to his presence. Just walking down the street would be hazardous, bumping into things, people, and straying into the path of incoming cars.

I wonder if Millard’s invisibility would fail when he dies?

☆ 0

SCIENTIST!!! **(nickname)**

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are an **amalgamate** of creatures that form together to create *you*.

The SCIENCE! of Icewings

bluedolphin8423

This doesn't have to do with Miss Peregrine, but if you've read *The Invisible Man* by H.G. Wells, could you explain the science behind how the "potion" in it works, including the way it progresses from normal to white skin to invisibility?

1

---

bluedolphin8423

CHRISTIAN! ✞

^ These two have been and will be up here till the day we're gone.

LUPA ★ 2647

February or July 2015 – March 2019

the forum nostalgia pile

remember the lost. *that's* what matters.

ClerilisaFRUIT
Toasteril
balegu

The SCIENCE! of Icewings

jadedragon8975

Who want to start a science club.

0

Terminus
(Formerly Nephrite)

"Don't cry because it's over. Smile because it happened." -Dr. Seuss

The SCIENCE! of Icewings

dragondrawing333

Unfortunately, i haven't read *the invisible man*, but if you can give me a detailed description of the event, than i can do a theory on it.

0

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The SCIENCE! of Icewings

dragondrawing333

Sorry for the slow posting, but i don't have as much time as i used too, school, homework, i've also run out of ideas for papers.
I'll keep posting, but their not going to be released at such an accelerated pace.

0

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The SCIENCE! of Icewings

vanilladragon282

@Science It's fine, I have homework too. Side note, I think that, yes, Millard would be visible when he dies.

☆ 0

~+Rexy+~

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Hornet

The SCIENCE! of Icewings

dragondrawing333

But why? Why wouldn't Millard stay invisible?

0

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The SCIENCE! of Icewings

dragondragon8564

You make a good point someone i know *cough cough* derek *cough* thinks icewings drink water then freeze it though the sun to get their ice breath. Boi

0

The SCIENCE! of Icewings

dragondrawing333

Through the sun?

1

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

dragondrawing333

The Science!!! Of The Incredible Hulk

The Incredible Hulk is probably the single strongest character is all of comics, muscle strength wise. In Hulk #126, Hulk claps and tears apart the fabric of reality!!! I don't think this is possible, like at all, but I haven't tried to test it. Yet…

'Clap'

BOOOOOOOOM!!!

Well now that reality itself is gone, I have nothing else to do but tell you about the *incredible* Science!!! Of The Hulk.

The Hulk or Bruce Banner, is the rage fueled monster/hero of the Marvel universe… Multiverse? He's shown up in comics, TV shows, video games, and most notably, the Avengers movies. In all of these mediums, The Hulk is shown to be stupidly strong, able to defeat anything, but how strong is he?

First off, we need to determine which Hulk we're using, Are we using the comic Hulk, or the movie Hulk? The movie Hulk is remarkably weak compared to the weakest of the comic Hulks, this is because the comic Hulks grow stronger, the angrier they get, so their raw physical strength is basically unlimited. Because of this, comic Hulk will be our lab rat today.

In *Punisher Vol.4 #37*, Hulk punches Wolverine from New York City to Boston in the blink of an eye. The equation for force is F=M*A, Force=Mass*Acceleration. Wolverine has a canon weight of 300lbs, due to his metal encased skeleton. Here's where I had to estimate some, it's impossible to tell how fast Wolverine is traveling through the atmosphere, but it does appear to be happening near instantly. I estimated that he accelerated to 2400Mph, so when I plugged the information in, it come out with 720,000 newtons (The measurement for force.) Which probably doesn't mean much to you, this equates to 161,862 Lbs of force, or the weight of 13.3 African Elephants!

In *Hulk vs Fin Fang Foom #1*, Hulk throws Fin Fang Foom, a giant dragon weighing 20 tons, to the Moon! Assuming a generous five minutes between panels, and knowing the Moon is 238,855 miles away, we get an acceleration of *47,771 Miles per second! 62 times the speed of sound!* Ignoring that the shockwave this would create would splatter Hulk, He would have to be creating a force of (Drumroll please) 1,910,840,000 Newtons, 434,281,818.18 Lbs of force, or 1,085.7 Blue Whales worth of force! We're not even to the impressive stuff yet!

150 Billion tons of mountain range gets dropped on the Hulk in *Secret Wars #4*, and he manages to lift it off of him, thankfully I don't have to do much math for this one. 300,000,000,000,000lbs of stone are resting on the Hulks shoulders in this story.

Now we're getting into the crazy stuff.

In one of the most famous Hulk story arcs, *Planet Hulk*, a group of superheroes known as the illuminati (I couldn't make this up if I tried) jettison Hulk into space. Eventually he lands on a gladiator battleworld, called *Sakaar*, one of the Hulks enemies, The Red King, activates a doomsday devise that pulls Sakaar's tectonic plates apart, Hulk dives into the Mantle and Pulls the tectonic plates back together! I don't feel like exclamation points do this justice.

We run into a problem here, we have no idea how big Sakaar is, its density, or gravity, so we're going to assume Sakaar is Earth in every geological way. The weight of an average tectonic plate is 40,700,000,000,000,000,000,000 Kilograms, I'm not sure my calculator can do this math! Translating that to pounds gives us 89,728,140,633,999,994,257,408 Lbs. Hulk isn't having to pull the plates very far or very fast, two miles an hour maybe. Using our trusty formula F=M*A, we find that Hulk is exerting, at this point my calculator gave out, 179,456,281,267,999,988,514,816 Newtons of force, or

4.034337692E+22Lbs force. That's so massive, I don't have a comparison that won't break my calculator, or your brains.

Unfortunately, or fortunately, I don't have any numbers for reality breaking claps, or the force required to Break Time something Hulk has done on two separate occasions.

Something we haven't considered for any of these is Newton's Third law of motion, simplified, "For every action there is always an equal and opposite reaction." Which means if you go and punch a wall (Don't do that) the force created is not just transferring into the wall, it's going back up into your hand and arm, thus why you now have a broken hand and arm (I told you not to do it!)

Which means if Hulk punched Wolverine to Boston, like in our first example, then he would be sent hurtling in the opposite direction, shattering his hand and arm, and possibly breaking every other bone in his body.

Forget it! I don't want super strength anymore!

☆ 3

SCIENTIST!!! (nickname)

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The SCIENCE! of Icewings

vanilladragon282

@Science Wow. Hulk is scary. Side note, did you sneak a Hamilton reference in there?

☆ 0

~+Rexy+~

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The SCIENCE! of Icewings

hydrakitten48

@Science If you can't do much off of my previous question, how about the science of anxiety and why some people are anxious about one thing while others don't get any anxiety from that same thing. (if that makes any sense)

0

Fantasy/Lilac
She/Her
Proud Catholic
Bookish Writer-Editor
Fam: *Everyone*
BotW: 345247
***EST.** 10/08/14*
~ 1632 stars ~
/352812
/354852

Don't think of this as a goodbye, think of it as a "see you later."

The SCIENCE! of Icewings

dragondrawing333

Okay. I'll look into it.

1

SCIENTIST!!! **(nickname)**